

CLIMATOLOGICAL DATA FOR DECEMBER, 1912.

DISTRICT No. 9, COLORADO VALLEY.

FREDERICK H. BRANDENBURG, District Editor.

GENERAL SUMMARY.

As in November, weather conditions were dominated for most of the month by high-pressure areas. While low-pressure areas were not entirely absent from the Southwest, more particularly off the coast of southern California, during the first decade, they failed to develop enough energy to enter the district or materially interrupt the prevailing fair weather. Of the northern lows, of which there were a number, few developed southern extensions in the form of loops; and, contrary to the usual sequence in such cases, when this did occur, only one, that of the 24th, developed a secondary depression. This low crossed the Continental Divide and joined a similar area in southeastern Colorado. The feature of the month was the prevailing low temperatures and light precipitation. As regards temperature, the month has been likened to December, 1909, but the cold was not so great, while the precipitation was only from one-third to one-sixth as great as three years ago. Killing frosts or freezing temperatures were general in the lowlands of southwestern Arizona after the 10th. The general absence of heavy snowfall at moderate elevations in the northern part of the district early in the season has permitted the freezing up of springs and water holes, and stock on the ranges has suffered on this account. Conditions somewhat similar prevailed in localities on the watershed of the Little Colorado in eastern Arizona.

TEMPERATURE.

The mean for the stations reporting was 29.5° , or 4.2° below the normal, making the tenth consecutive month with a deficiency of temperature. The mean for December, 1911, was 29.3° . The highest monthly mean was 54.1° , at Mohawk Summit, Ariz., and the lowest, 3.3° , at Fraser, Colo. In the northern and central parts of the district temperatures were continuously below the normal until near the end of the month, the deficiency being pronounced from the 5th to 8th and from the 20th to 24th. In Arizona, while a daily deficiency of temperature was general, it was not so great, and there were several days with a slight excess. There was no great uniformity in the dates of the highest temperatures, they having occurred on the 1st, 15th, 29th, and 30th, and a number of other dates. The lowest temperatures occurred for the most part in the last decade, with zero or lower readings in all the different areas, except southeastern Nevada. The highest temperature, 80° , occurred at Gilabend and Vail, Ariz., on the 1st, and the lowest, -34° , at Fraser, Colo., on the 26th and 27th.

Details of temperature are summarized in the following table:

Areas of States in District No. 9.	Temperature.					
	Mean.	Departure from normal.	Highest.	Station.	Lowest.	Station.
Western Wyoming....	14.2	-0.8	58	Battle Mountain	-27	Eden.
Western Colorado.....	15.5	-6.2	55	Mancos.....	-34	Fraser.
Eastern Utah.....	22.7	-1.7	66	Emery.....	-32	Strawberry Tunnel (east).
Western New Mexico.	28.8	-5.0	70	Deming.....	-16	3 stations.
Arizona.....	40.1	-3.9	80	2 stations.....	-7	Flagstaff No. 1.
Southeastern Nevada.	38.4	.....	66	Caliente.....	3	Caliente.

PRECIPITATION.

The average for the stations reporting was 0.66 inch, or 0.33 inch less than the normal. The average for December, 1911, was 0.68 inch. Precipitation was somewhat general in character during the first decade, and for the most part local during the rest of the month. In western Colorado and western Wyoming it occurred about the middle and last of the month, while in western New Mexico and the eastern part of Arizona practically all during the last two decades occurred on the 22d. The greatest monthly amount was 3.67 inches, at Hatchita, N. Mex., and none occurred at 1 station in Utah and 3 in Arizona. Monthly snowfalls of 10 inches or more occurred at 3 stations in western Wyoming, 23 in western Colorado, 2 in eastern Utah, 10 in western New Mexico, and 3 in Arizona. The greatest monthly snowfall, 37 inches, occurred at Horsefly, Colo. The average number of days with 0.01 inch or more precipitation was 5 in western Wyoming, 6 in western Colorado, 3 each in eastern Utah and western New Mexico, 2 in Arizona, and 1 in southeastern Nevada. For the district as a whole the average was 3 days.

The average precipitation and departures from the normal on the different watersheds are given in the following table:

Watershed.

Green.		Grand.		San Juan.		Little Colorado.		Gila.		Mimbres.		Colorado proper.	
Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.	Average.	Departure.
0.61	-0.30	0.85	-0.52	0.55	-0.52	0.32	-0.50	0.87	-0.26	0.77	-0.05	0.21	-0.53

MISCELLANEOUS.

The average amount of sunshine reported, with departures from the normal, was as follows: Grand Junction, 60, -9; Durango, 80, +10; Phoenix, 88, +9; and Yuma, 87, +8 per cent.

The relative humidity reported was as follows: Grand Junction, 76; Durango, 67; Phoenix, 51; and Yuma, 44 per cent.

SNOWFALL IN THE MOUNTAINS.

Western Wyoming.—The snowfall on the upper watershed of the Green River during December was the lightest in years. In some places the first snow of the season did not fall until near the end of the month.

Western Colorado.—The season's snowfall up to the close of December was less than the normal. While it is true that the precipitation during October was greater than the average from the San Juan region northward, yet in the rest of the mountain region there was a general deficiency. In November and December the snow was uniformly light, the deficiencies being marked in the western counties. Comparing the depth on the ground at the end of the month, the average for the snow scales on the Gunnison watershed, average elevation (9,000 feet), 11 inches, is 7 inches less than a year ago. For the Grand (8,700 feet), 14 inches, and for the Yampa and

White (8,000 feet), 16 inches, the depths are 3 and 5 inches, respectively, less than at the corresponding date last year. For the San Juan (7,800 feet), the average depth was 6 inches, or 2 inches less than a year ago. In general, the snow contains a small percentage of moisture.

Eastern Utah.—The snowfall during December was less than usual and the amount on the ground at the close of December was less than on the corresponding date last year. Considerable fell during November on the watershed of the Green and at the close of December was drifted and well packed.

Western New Mexico.—During October and December heavy rains and snows occurred in the southern part of the area, and the stored depth of snow was considerably greater than usual. A fair amount of moisture had accumulated in the soil, and the San Francisco, Gila, and Mimbres have a promising outlook for water. Precipitation on the San Juan watershed and adjacent region has been below the normal throughout the season, and at the close of the year but little snow remained.

Arizona.—Over the headwaters of the Verde and Salt, and on the upper Gila watershed, although the snowfall was much below the average, the continued cold prevented melting and the depth on the ground on December 31 was generally reported as close to the average. On the Little Colorado watershed the snowfall was exceedingly light, except on the Western Divide.

TABLE 1.—Climatological data for December, 1912. District No. 9, Colorado Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unaltered.	Number of rainy days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Wyoming.</i>																					
Battle Mountain	Carbon	7,300	14.8	58	1	-13	26	48	0.70	.....	0.30	7.0	3	.....	.....	.....	.....	sw.	U. S. Forest Service.	
Big Piney	Uinta	6,740	13	15.0	-0.8	44	13	-22	20	37	0.90	+ 0.11	0.45	12.0	4	7	20	4	nw.	Ira Dodge.	
Daniel	do.	6,577	3	9.5	.....	36	12	-27	6	52	0.10	.....	0.10	2.0	1	15	14	2	w.	J. M. Van Dervort.
Eden	Sweetwater	6,083	7	16.2	.....	43	11	-14	21	40	0.16	.....	0.09	1.6	3	15	15	1	w.	Eden Valley L. & J. Co.
Green River	do.	7,167	6	14.8	38 ^c	12	-19 ^c	20	42 ^c	0.50	.....	0.18	10.0	5	10 ^c	10 ^c	6 ^c	nw.	Geo. H. Maxom.	
Pinedale	Fremont	7,500	3	14.7	39 ^c	15	-12 ^c	23 ^c	48 ^c	1.06	.....	0.20	13.2	12	9 ^c	7 ^b	13 ^b	nw.	U. S. Forest Service.	
Willow Creek Cabin	do.	7,500	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Do.	
<i>Colorado.</i>																			.....	.....
Breckenridge	Summit	9,536	23	11.7	-5.2	53	15	-27	26	63	1.08	-1.04	0.35	10.2	6	20	3	8	n.	Albert S. McCullough.	
Cascade	San Juan	8,900	14	19.4	-7.9	41	30	-3	6	33	0.65	.....	0.23	11.5	5	10 ^c	4 ^c	8 ^c	.....	San Juan W. & P. Co.
Cedaredge	Delta	6,175	2	20.4	-4.8	50	3	-5	22 ^c	40	0.39	-0.45	0.19	6.0	3	16	6	9	.....	Harry A. Cobbett.
Cochetopa	Saguache	9,088	3	17.4	-6.8	35	1	-1	22 ^c	29	0.94	-0.20	0.43	16.0	7	19	6	6	sw.	Bessie McDonough.	
Colbran	Mesa	6,000	19	17.4	-6.8	35	1	-1	22 ^c	29	1.16	.....	0.26	19.0	7	15	11	5	sw.	A. A. Wood.
Columbine	Routt	8,766	2	20.4	-4.8	50	3	-5	22 ^c	40	1.32	.....	0.51	14.0	4	22	3	6	sw.	Mrs. M. A. Caron.
Columbine Ranch	Delta	6,925	2	23.3	-5.0	45	8	2	7	37	0.44	-0.96	0.23	5.8	6	15	14	2	s.	George W. Wade.	
Corona	Grand	11,660	5	5.8	.....	30	15	-12	21 ^c	34	0.80	.....	0.24	9.0	5	17	10	4	w.	U. S. Weather Bureau.
Craig	Moffat	2	17.8	.....	38	30	-9	22	32	0.54	.....	0.21	11.0	7	19	9	3	.....	Joseph F. Haubrich.	
Crawford (near)	Montrose	6,600	2	7.0	.....	33	9	-22	26	46	1.53	.....	0.50	20.0	7	18	5	8	.....	J. C. Roe.
Crested Butte	Gunnison	8,867	2	20.4	-4.8	50	3	-5	22 ^c	40	0.09	-0.57	0.04	1.8	3	18 ^a	6 ^a	6 ^a	.....	Charles L. Ross.
Delta	Delta	4,865	22	20.4	-4.8	50	3	-5	22 ^c	40	0.40	.....	0.17	2.9	1	15	8	8	.....	E. M. Getts.
Durango	La Plata	6,534	17	23.3	-5.0	45	8	2	7	37	0.44	-0.96	0.23	5.8	6	15	14	2	nw.	U. S. Weather Bureau.	
Eureka	San Juan	10,000	5	.....	.....	.....	.....	.....	.....	.....	0.80	.....	0.24	9.0	5	17	10	4	s.	San Juan W. & P. Co.
Fraser	Grand	8,560	3	3.3	38	15	-34	26 ^c	60	1.30	0.30	13.0	8	5	1	10	25	n.	L. D. C. Gaskill.
Fruita	Mesa	4,510	13	17.4	-7.1	39	3 ^c	-12	6	37	0.56	-0.16	0.28	6.5	4	16	10	5	.....	J. B. Willson.
Glade Park	do.	7,000	1	.....	.....	.....	.....	.....	.....	.....	0.45	.....	0.25	5.5	3	18	8	5	sw.	A. F. Terrill.
Gladstone	San Juan	10,400	5	.....	.....	.....	.....	.....	.....	.....	2.11	.....	0.60	27.2	7	15	10	6	ne.	San Juan W. & P. Co.
Glenwood Springs (near)	Garfield	5,823	14	15.6	-9.5	41	12	-14	26	45	0.56	-0.75	0.15	8.0	5	27	1	3	.....	E. A. O'Neil.
Grand Junction	Mesa	4,602	21	21.4	-6.8	40	30	1	28	29	0.17	-0.27	0.17	2.9	1	15	8	8	.....	U. S. Weather Bureau.
Grand Lake	Grand	8,153	4	.....	.....	.....	.....	.....	.....	.....	0.90	.....	0.40	15.0	4	21	6	4	w.	Mrs. Belle Kauffman.
Grand Valley	Garfield	5,089	20	20.5	-4.4	43 ^c	30	-4	8	43 ^c	0.49	-0.42	0.21	3.2	5	12 ^a	7 ^a	11 ^a	.....	David Evans.
Gunnison	Gunnison	7,670	19	5.4	-6.7	36	16	-27	23	49	0.43	-0.21	0.15	6.5	6	21	9	1	.....	Clarence Adams.
Hesperus (near)	La Plata	7,610	2	15.1	.....	46	14	-20	6	48	0.17	.....	0.05	3.5	5	14	9	8	w.	G. F. Snyder.
Horsefly	Montrose	8,700	2	.....	.....	.....	.....	.....	.....	.....	1.75	.....	0.41	37.4	7	18	9	4	ne.	Lawrence J. Finch.
Ironon	Ouray	10,000	2	10.0	.....	39	30	-21	21	40	1.51	.....	0.39	17.2	6	17	3	11	sw.	Mrs. Amanda E. Foley.
Lake City	Hinsdale	8,686	7	10.0	.....	39	30	-21	21	40	0.80	.....	0.21	9.4	6	19	5	7	.....	J. F. Maurer.
Lay	Moffat	6,190	18	14.2	-4.8	48	11	-23	26	48	0.25	-0.65	0.10	5.2	6	15	2	14	.....	A. G. Walther.
Mancos	Montezuma	6,960	13	21.6	-5.0	55	2	-5	26	49	0.40	-0.88	0.14	5.5	4	18	10	3	nw.	B. M. Krumpantzyk.	
Marble	Gunnison	7,951	3	15.1	.....	46	14	-20	6	48	0.86	.....	0.42	14.0	5	21	4	6	ne.	F. E. Morse.
Marshall Pass	Saguache	10,846	9	10.2	.....	35	30	-16	23	30	1.27	.....	0.31	15.0	7	14	3	14	.....	Wm. L. Williams.
Meeker (near)	Rio Blanca	6,182	20	13.0	-6.8	40	14 ^c	-23	22	48	0.67	-0.51	0.34	11.5	5	16	10	5	sw.	T. Baker.	
Montrose	Montrose	5,811	23	20.6	-5.9	45	30	-2	6	37	0.27	.....	0.14	3.4	5	22	3	6	.....	U. S. Reclamation Service.
Nast	Pitkin	7,953	2	14.2	.....	44	13	-19	21	48	1.36	.....	0.40	19.0	7	19	4	8	w.	Arthur Hanthorn.
Pagosa Springs	Archuleta	7,108	1	13.0	.....	42	9	-20	7	56	0.79	.....	0.40	8.5	6	18	8	5	.....	E. T. Walker.
Palisades	Mesa	4,729	1	22.4	.....	41	30	0	24 ^c	36	0.43	.....	0.28	3.0	2	15	10	6	.....	E. P. Updegraff.
Paonia	Delta	5,694	17	20.3	-7.0	42	30	-3	22	35	0.58	-0.48	0.22	7.0	5	18	6	7	sw.	J. M. Underwood.	
Pitkin	Gunnison	9,500	3	.....	.....	.....	.....	.....	.....	.....	0.99	.....	0.60	11.5	4	23	3	5	.....	Mrs. Maggie Cammann.
Pyramid	Rio Blanca	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	E. E. Egry.
Rangely	do.	5,050	13	.....	.....	.....	.....	.....	.....	.....	1.98	+ 0.10	0.58	26.2	6	16	5	10	.....	J. H. McGuire.
Redcliff	Eagle	8,695	19	19.2	.....	43	30 ^c	-9	22	37	0.60	.....	0.29	6.5	3	20	6	5	.....	Dorothea Greiner.
Redvale	Montrose	6,175	10	19.4	-4.0	46	15	9	23 ^c	46	0.67	-1.78	0.47	5.0	3	22	0	9	s.	Dr. E. S. C. Foster.	
Rico	Dolores	8,824	10	18.4	.....	39	17	-7	6	37	0.51	.....	0.39	4.7	4	18	2	11	nw.	Clinton B. Smith.
Rifle	Garfield	5,437	2	20.4	.....	43 ^c	1	-9	23	38 ^c	0.52	.....	0.16	8.5	5	18 ^a	4 ^a	8 ^a	.....	Herman Eiche.
River Portal	Montrose	6,570	6	19.0	.....	35	30	-16	23	30	1.27	.....	0.35	16.9	7	22	2	7	w.	U. S. Reclamation Service.
Sapinero (near)	Gunnison	8,125	9	10.2	.....	46	30	-16	23	30	1.27	.....	0.35	16.9	7	22	2	7	.....	W. F. Irving.
Shoshone	Garfield	6,110	2	14.2	.....	45	12	-19	21	50	0.65	.....	0.27	7.5	5	18	3	8	ne.	Central Colorado Power Co.
Silverton (near)	San Juan	9,400	5	14.2	.....	45	12	-19	21	50	1.70	.....	0.20	33.0	14	13	8	10	.....	San Juan W. & P. Co.
Spruce Lodge	Grand	9,600	4	.....	.....	.....	.....	.....	.....	.....	1.91	.....	0.43	35.8	12	11	10	10	.....	H. J. Wills.
Steamboat Springs	Routt	6,683	9	12.4	.....	42	13	-29	26	52	0.39	.....	0.13	8.9	6	19	3	9	.....	Herbert B. Gee.
Tacoma	La Plata	7,300	5	.....	.....	.....	.....	.....	.....	.....	0.50	.....	0.50	14.5	6	20	4	7	e.	San Juan W. & P. Co.
Telluride	San Miguel	8,756	17	17.6	.....	46	9	-13	21	43	1.06	.....	0.16	10.0	6	21	1	9	s.	David S. Painter.
Terminal Dam	La Plata	8,300	5	.....	.....	.....	.....	.....	.....	.....	0.46	.....	0.22	7.8	7	12	15	4	n.	San Juan W. & P. Co.
Yampa (near)	Routt	8,000	3	.....	.....	.....	.....	.....	.....	.....	0.74	.....	0.22	7.8	7	12	15	4	.....	Percy A. Hughes.
<i>Utah.</i>																					

TABLE 1.—Climatological data for December, 1912. District No. 9—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
Utah—Continued.																						
Ranch.	Kane.	6,700	10	24.4	.....	52	3†	— 4	16	48	0.44	.....	0.33	.....	3	22	2	7	n.	J. W. Seaman.
San Rafael.	Emery.	4,250	.....	.....	— 2.2	58	2†	— 10	27†	39	0.09	— 0.84	0.05	0.50	22.0	2	14	11	6	W. C. Foy.
St. George.	Washington.	2,880	25	35.7	— 2.2	47	14	— 27	22	52	1.56	.....	0.50	.....	8	24	0	7	s.	A. B. Ballantyne.
Scofield.	Carbon.	7,625	2	13.1	.....	47	14	— 27	22	52	1.56	.....	0.50	.....	8	24	0	7	s.	B. Newren.
Springdale.	Washington.	3,500	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Hattie Wood.	
Str'berry Tunnel—East.	Utah.	7,500	4	11.3 ^b	.....	46	31	— 32	21	32	2.55	.....	0.60	28.0	9	18 ^b	4 ^b	7 ^b	.....	U. S. Reclamation Service.
Teasdale.	Wayne.	7,000	2	30.2	.....	47	31	— 3	6	32	0.20	.....	0.20	2.0	1	17	5	9	w.	Henry Culum.
Thompsons.	Grand.	5,150	1	22.0	.....	42	30	— 1	21	26	0.31	.....	0.19	4.5	1	26	8	7	nw.	A. M. Starmont.
Tropic.	Gartield.	7,000	15	24.0 ^a	— 4.8	50	3	— 9	23	47	0.10	— 0.56	0.10	1.0	16 ^a	4 ^a	4 ^a	4 ^a	nnw.	E. P. Bolton.		
Troutcreek Ranger.	Uinta.	9,200	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Forest Supervisor.	
Vernal.	.....	5,050	15	16.6	— 1.1	41	30	— 5	22†	43	0.09	— 0.47	0.09	1.0	1	25	6	0	.....	S. P. Trim.
Victor.	Emery.	5,250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. F. Noyes.	
White Rocks.	Uinta.	6,200	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. F. Keil.	
Woodside.	Emery.	4,645	1	23.0 ^m	.....	43 ^m	8	2 ^m	16	37 ^m	0.04	.....	0.04	.....	1	8 ^m	2 ^m	8 ^m	n.	D. P. Adams.
New Mexico.																						
Alma.	Socorro.	5,500	15	34.3	— 2.9	59	1	3	28	47	0.98	+ 0.02	0.30	10.5	5	14	13	4	sw.	Max A. Balke.		
Aragon.	.....	5	24.8	.....	.....	56	14	— 7	23	55	0.51	.....	0.36	9.0	3	22	4	5	sw.	John R. Milligan.
Aztec.	San Juan.	5,590	12	.....	.....	58	27	— 10	5	58	0.23	.....	0.15	4.5	3	12	19	0	sw.	Dr. T. J. West.
Bergers Ranch.	McKinley.	8,000	25	25.2	.....	58	27	— 10	5	58	0.23	.....	0.15	7.5	3	20	5	6	w.	Herman Berger.
Blackrock.	.....	6,500	3	22.0	.....	54	3	— 3	27	30	0.07	.....	0.05	0.4	2	23	2	6	e.	Patrick Des Georges.
Bloomfield.	San Juan.	5,500	17	21.6	— 5.1	50	15	— 16	23	49	0.33	— 0.27	0.26	4.0	4	18	11	2	sw.	Fred Le Clerc.		
Cambray.	Luna.	4,215	13	4	21	3	7	ne.	Agent Southern Pacific R. R.	
Clift.	Grant.	4,470	12	30.8	— 9.2	63	31	— 3	28	60	2.05	+ 0.97	2.00	15.0	2	24	5	2	sw.	W. C. Belden.		
Columbus.	Luna.	4,054	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	14	4	13	sw.	Agent E. P. & S. W. R. R.
Deming.	.....	4,333	35	37.6	.....	70	4	10	8†	42	0.40	— 0.22	0.40	4.0	2	28	0	3	w.	Agent Southern Pacific R. R.
Duke.	Rio Arriba.	6,756	15	18.8	— 4.4	44	1	— 12	7	49	0.21	— 0.22	0.26	2.0	2	26	5	0	w.	Wm. R. Beyer.		
Fort Bayard.	Grant.	6,152	37	35.0	— 4.1	58	19	— 11	23	37	0.73	— 0.10	0.36	11.0	4	22	4	5	w.	U. S. General Hospital.		
Fruitland.	San Juan.	4,800	18	24.8	— 4.2	48	31	— 4	23	39	0.12	— 0.25	0.07	1.5	4	21	8	2	w.	Cyril J. Colyer.		
Gage.	Luna.	4,486	12	38.4	.....	69	1	3	26	57	0.80	+ 0.30	0.50	8.0	2	27	0	4	ne.	Agent Southern Pacific R. R.	
Gila Planting Station.	Grant.	6,475	1	34.6	.....	58	14†	— 12	23	38	0.40	.....	0.20	7.0	5	22	4	5	w.	U. S. Forest Service.
G. O. S. Ranch.	.....	8,000	26.8	.....	.....	56	31	— 2	27	50	0.84	.....	0.76	14.0	2	17	8	6	w.	Victor Culberson.
Hachita.	.....	4,504	3	.....	.....	63	31	— 1	24	— 3.67	.....	2.89	.....	3	18	7	6	w.	Agent E. P. & S. W. R. R.	
Haynes.	Rio Arriba.	6,600	1	22.2	.....	58	1†	— 16	23	68	0.19	.....	0.07	2.2	5	22	8	sw.	Dr. John R. Haynes.	
Hermanes.	Luna.	4,451	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	25	1	5	w.	Agent E. P. & S. W. R. R.
Lordsburg.	Grant.	4,245	29	37.8	— 4.8	66	16	3	24	49	2.64	+ 1.91	1.36	13.0	3	19	7	5	e.	J. H. McClure.		
Luna.	Socorro.	7,300	7	21.6	.....	49	30	— 16	23	52	1.25	— 0.18	0.60	12.5	4	22	7	2	w.	C. B. Martin.	
Mimbres.	Grant.	5,007	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	26	5	0	se.	Charles Dennis.
Pinos Altos (near).	.....	7,253	1	.....	.....	.....	.....	2	23	— 1.55	.....	1.08	25.0	6	19	8	4	nw.	O. L. Scott.	
Pratt.	.....	4,415	3	.....	.....	.....	.....	— 1	24	— 0.93	.....	0.80	10.0	3	18	6	7	w.	Agent E. P. & S. W. R. R.	
Putnam.	San Juan.	6,200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	C. F. Spader.	
Redrock.	Grant.	4,150	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	17	6	8	.....	Robt. H. Woods.
Rodeo.	.....	4,118	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	23	3	5	n.	Agent E. P. & S. W. R. R.
Silver City.	.....	5,860	1	32.8	.....	56	19	5	23	39	2.35	.....	1.05	19.0	7	23	3	5	.....	E. M. Brumback.
Arizona.																						
Allaires Ranch.	Cochise.	4,184	16	.....	.....	.....	.....	.....	.....	.....	0.30	— 0.48	0.21	2.8	3	23	3	5	.....	Thos. Allaire.
Alpine.	Apache.	8,500	2	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.15	2.0	2	23	2	6	.....	U. S. Forest Service.
Ashfork.	Yavapai.	5,229	1	.....	.....	.....	.....	.....	.....	.....	0.20	.....	0.20	1.0	1	24	0	7	.....	Do.
Aztec.	Yuma.	492	14	50.4	— 3.9	75	1	25	28	40	2.00	+ 1.55	2.00	0.00	0	0	18	4	9	ne.	Agent Southern Pacific Ry.	
Benson.	Cochise.	3,523	30	42.1	— 7.0	72	15	14	23†	48	0.00	— 0.52	0.00	0	0	0	18	4	9	ne.	Prof. L. N. Goodding.	
Bisbee.	.....	5,500	21	41.4	— 3.9	64	2	18	6	32	0.52	— 0.55	0.28	4.0	2	26	0	5	.....	Mrs. M. A. Jones.
Blue.	Greenlee.	6,000	1	.....	.....	.....	.....	.....	.....	.....	0.90	.....	0.30	6.0	4	13	18	0	.....	A. H. Jelley.
Bonita.	Granite.	4,916	38	35.4	— 4.4	66	1	11	28	36	0.16	— 0.94	0.40	— 0.78	0.35	T.	3	14	3	9	sw.	Agent Southern Pacific Ry.
Bowie.	Cochise.	3,756	35	42.2	— 4.4	66	1	11	28	36	0.16	— 0.94	0.06	1.6	3	15	10	6	sw.	Agent Southern Pacific Ry.		
Buckeye.	Maricopa.	980	19	46.8	— 4.0	71	1	22	23†	40	0.71	— 0.12	0.46	0	2	28	2	1	ne.	H. E. Kell.		
Canille.	Santa Cruz.	5,225	2	0.54	0.28	— 0.30	0	2	26	2	1	ne.	Robt. A. Rodgers.	
Casa Grande.	Cochise.	1,396	33	.....	.....	72	14	21	26	46	0.72	— 0.01	0.50	0	0	29	0	2	.....	Agent Southern Pacific Ry.
Casa Grande Ruins.	.....	1,422	4	46.2	.....	72	1	20	29	— 0.76	— 0.15	0.37	0	0	3	23	4	5	e.	Frank Pinkley.
Chandler.	Maricopa.	1,217	17	.....	.....	54	30	— 2	23†	45	1.12	— 0.07	0.07	2.5	3	11	3	12	ne.	F. V. N. Dana.
Chin Lee.	Apache.	6,090	23	23.7	.....	54	19†	15	6	24	2.18	.....	1.60	14.7	5	18	4	9	.....	Rev. L. Ostermann, O. F. M.
Chlorans Mill.	Graham.	8,000	4	33.2	.....	69	1	20	30	29	0.35	— 0.75	0.20	2.5	3	23	7	1	sw.	H. R. Chlarsom.	
Clifton.	Greenlee.	3,584	21	41.4	— 3.9	69	1	20	24	37	1.49	— 0.13	1.01	0	0	4	22	7	1	sw.	Arizona & N. Mex. Ry. Co.	
Cline.	Gila.	2,300	13	42.2	— 3.8	64	3	19	28	37	1.49	— 0.13	1.01	0	0	4	22	7	1	sw.	W. M. Clanton.	
Cochise.	Cochise.	4,219	12	37.6	— 7.1	66	15	10	25	50	0.55	— 0.16	0.55	5.5	1							

TABLE 1.—Climatological data for December, 1912. District No. 9—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, uncorrected.	Number of rainy days 0.01 inch or more.						
Arizona—Continued.																					
Maricopa.	Pinal.	1,186	19	46.5	- 6.2	75	1	20	29	43	1.04	- 0.25	0.58	0	2	27	4	w.	Agent Southern Pacific Ry. R. A. Ward.		
Moccasin.	Mohave.	4,500	1	53.8	11	54.1	- 3.6	73	1†	33	25†	36	0.44	- 0.09	0.43	0	2	24	1	6 w.	Agent Southern Pacific Ry.
Mohawk Summit.	Yuma.	538	2	4,579	2	538	1	70	30†	10	23	50	0.65	- 0.10	0.38	0.5	2	26	0	5 w.	Agent E. P. & S. W. R. R.
Naco.	Cochise.	4,990	23	4,990	23	4,990	23	4,990	23	4,990	23	4,990	0.85	- 1.10	0.50	3.0	3	18	11	5 sw.	D. G. Goodfellow.
Natural Bridge.	Gila.	4,500	18	42.4	- 4.1	62	15†	21	6	29	1.33	+ 0.13	0.70	1.5	4	21	5	5 e.	J. W. Lawson.		
Oracle.	Pinal.	4,676	2	5,436	6	34.4	- 6.3	63	15	7	23†	46	1.36	- 0.30	0.30	3.0	1	24	3	4 sw.	Agent E. P. & S. W. R. R.
Osborn.	Cochise.	5,436	6	34.4	- 6.3	63	15	7	23†	46	1.36	- 0.30	0.68	13.0	3	14	14	3 sw.	J. C. Hancock.		
Paradise.	Pinto.	5,600	8	345	17	47.5	- 2.9	74	1†	18	29	48	0.40	- 0.04	0.30	0	2	26	1	4 sw.	M. A. Israel, M. D.
Parker.	Apache.	5,320	47	32.1	- 4.6	56	30	7	23	43	1.23	- 0.32	0.83	2.0	3	24	2	5 n.	Mart McDonald.		
Payson.	Prescott.	1	30.6	77	2	6	23†	56	0.77	71	2	18	23†	0.45	0	2	22	6	3 w.	U. S. Weather Bureau.	
Phoenix.	Maricopa.	1,108	18	48.9	- 3.0	70	1	29	25	34	0.83	+ 0.24	0.69	0	2	24	5	2 w.	George Acuff.		
Phoenix (1).	do.	1,092	22	47.4	- 2.7	70	1	23	23†	42	0.75	+ 0.01	0.65	0	2	22	5	4 sw.	Salt River Nurseries.		
Phoenix (2).	do.	1,189	4	48.8	-	71	1	26	23†	39	0.79	-	0.72	0	2	22	5	4 sw.	Iriton & Craig.		
Final Ranch.	Pinal.	4,520	18	5,436	6	34.4	- 6.3	63	15	7	23†	46	1.36	- 0.30	0.68	13.0	3	14	14	3 sw.	Mrs. C. F. Henning.
Pinto.	Apache.	5,600	8	345	17	47.5	- 2.9	74	1†	18	29	48	0.40	- 0.04	0.30	0	2	26	1	4 sw.	J. W. Flinn, M. D.
Prescott.	Yavapai.	5,320	47	32.1	- 4.6	56	30	7	23	43	1.23	- 0.32	0.83	2.0	3	24	2	5 n.	L. L. Bates.		
Prescott Dry Farm.	do.	1	30.6	77	2	6	23†	56	0.77	71	2	18	23†	0.45	0	2	23	6	2 n.	W. E. Scott.	
Quartzsite.	Yuma.	800	5	46.0	-	68	-	71	2	18	23†	44	0.35	-	0.25	0	2	23	6	2 n.	A. B. Lee.
Redrock.	Pinal.	1,864	5	42.0	- 6.5	68	1	17	19†	45	0.94	- 0.38	0.63	T.	4	20	5	6 e.	Arthur Pritchard.		
Rice.	Gila.	2,665	30	42.0	- 6.5	68	1	17	19†	45	0.94	- 0.38	0.63	T.	4	20	5	6 e.	U. S. Reclamation Service.		
Roosevelt.	do.	2,175	8	45.8	-	66	1	28	30†	28†	1.07	-	1.07	0	1	14	15	2 s.	E. W. Hudson.		
Sacaton.	Pinal.	1,280	5	47.5	-	73	1	20	23†	43	1.05	-	0.70	0	2	22	2	2 sw.	Alex Shreeve.		
St. Johns.	Apache.	5,650	8	25.8	-	57	31	- 3	27†	52	0.30	-	0.20	2.5	2	12	10	9 sw.	Rev. A. Weber, O. F. M.		
St. Michaels.	do.	6,950	26	25.6	- 0.7	56	19	- 2	23	48	0.05	- 0.89	0.05	1.0	1	17	9	5 nw.	Mrs. M. B. Swartz.		
Salome.	Yuma.	1,875	6	44.2	-	73	1	20	20†	40	0.00	-	0.00	0	0	0	0	0 n.	Agent Southern Pacific Ry.		
San Simon.	Cochise.	3,609	26	35.2	-	68	1	9	7	42	T.	-	T.	0	0	27	0	4 n.	Librarian A. T. & S. F. Ry.		
Seigman.	Yavapai.	5,219	6	35.2	-	68	1	9	7	42	T.	-	T.	0	0	27	0	4 n.	Agent Southern Pacific Ry.		
Sentinel.	Maricopa.	1,685	14	48.2	-	78	1	32	22†	28	1.10	-	1.10	0	1	30	0	1 n.	Imperial Copper Co.		
Silverbell.	Pima.	2,650	7	48.2	-	68	1	24	24†	30	0.35	-	0.35	0	1	22	2	7 n.	William J. Flake.		
Snowflake.	Navajo.	5,644	5	29.9	-	64	2	- 4	7	58	0.37	-	0.27	6.0	2	20	4	7 n.	U. S. Forest Service.		
Springerville.	Apache.	6,862	2	68	1†	47.5	-	73	1	20	23†	43	1.05	-	0.85	0	3	25	4	2 se.	Laura B. Symons.
Supai.	Conconino.	3,200	4	38.8	-	60	1	24	24†	30	0.35	-	0.35	0	1	22	2	7 n.	F. H. Simomns.		
Tempe.	Maricopa.	1,165	8	51.8	-	68	1†	23	29	41	0.94	-	0.85	0	3	25	4	2 se.	J. H. Larson.		
Thatcher.	Graham.	2,800	10	42.4	- 1.2	72	1	14	30	49	0.36	- 0.44	0.13	0	3	13	7	11 se.	F. N. Wolcott.		
Tombstone.	Cochise.	4,550	14	42.8	- 1.7	67	15	22	27	37	0.53	- 0.23	0.41	2.0	2	22	7	12 e.	Truxton Canyon Ind. School.		
Truxton.	Mohave.	3,997	3	59	18†	48.2	-	68	1	24	24†	32	0.32	-	0.32	T.	1	22	5	4 ne.	Ira E. Bell.
Tuba.	Cocoonino.	4,500	14	24.5	- 7.4	52	1	4	28	30	0.82	+ 0.18	0.34	5.0	4	15	7	9 n.	University of Arizona.		
Tucson.	Pima.	2,390	32	45.8	- 5.7	72	14	18	6	47	0.39	- 0.52	0.37	0	2	18	8	5 nw.	James F. Record.		
Tucson (1).	do.	2,380	4	43.0	-	72	14	10	26	52	0.34	-	0.34	0	1	27	3	1 w.	U. S. Coast & Geodetic Surv.		
Tucson (2).	do.	2,526	3	45.6	-	72	14	18	6†	50	0.22	-	0.21	0	2	23	5	3 n.	Agent Southern Pacific Ry.		
Vail.	do.	3,421	14	59	18†	48.2	-	80	1	24	24†	32	0.15	- 0.41	0.15	0	1	0	31	0 n.	J. O. Carter.
Walnut Grove.	Yavapai.	3,649	19	59	18†	48.2	-	80	25†	39	0.40	- 1.23	0.30	0	2	26	0	5 n.	Agent S. F., P. & P. Ry.		
Wickenburg.	Maricopa.	2,072	15	59	18†	48.2	-	20	25†	39	0.00	- 1.59	0.00	0	0	26	0	5 n.	Agent Southern Pacific Ry.		
Wilcox.	Cochise.	4,164	32	38.8	- 4.3	70	1	10	23†	49	0.13	- 0.58	0.13	T.	1	16	1	14	do.	E. J. Nordyke.	
Williams.	Cocoonino.	6,750	10	34.7	+ 0.6	70	15†	3	23	65	0.28	- 1.19	0.11	7.0	3	23	6	2 n.	Winslow High School.		
Winslow.	Navajo.	4,853	4	52.2	- 3.5	73	1	29	29	39	0.22	- 0.23	0.22	0	1	28	2	1 n.	U. S. Weather Bureau.		
Yuma.	Yuma.	141	32	52.2	- 3.5	73	1	29	29	39	0.22	- 0.23	0.22	0	1	28	2	1 n.	C. J. Wood.		
Yuma (1).	do.	150	5	49.1	-	76	1	21	29	46	0.20	-	0.20	0	0	29	2	0 n.			
Nevada.																					
Caliente.	Lincoln.	4,407	2	31.8	-	66	2	3	22†	51	0.15	-	0.10	1.5	2	29	2	0 ne.	Salt Lake Route.		
Las Vegas.	Clark.	2,033	3	42.0	-	65	3	17	12†	43	T.	-	T.	0	0	25	3	3 s.	C. P. Squires.		
Logan.	do.	1,355	5	41.4	-	65	3	12	28	41	T.	-	T.	0	0	29	2	0 n.	O. W. Jarvis.		

a, b, c, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—Daily precipitation for December, 1912. District No. 9, Colorado Valley.

TABLE 2.—*Daily precipitation for December, 1912. District No. 9—Continued.*

Stations.	Watershed.	Day of month.																													Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
<i>Utah—Continued.</i>																																		
Canaan	Colorado																																	0.50
Castle Dale	Green																																	0.46
Cisco	Grand																																	0.08
Dragon	Green																																	0.22
Duchesne	do																																	0.18
Elkhorn	do																																	0.02
Emery	Colorado																																	0.50
Escalante	do																																	0.30
Fort Duchesne	Green																																	0.48
Fruitland	do																																	0.20
Grayson	San Juan	.10																																0.56
Green River	Green																																	T.
Hanksville	Colorado																																	0.35
Hite	do	.15	.15																														0.44	
Hurricane	do																																	0.20
Kanab	do	.07																																0.56
La Sal	Grand	.22	.04																														T.	
Leeds (near)	Colorado																																	0.14
Loa	do																																	0.25
Manila	Green																																	0.15
Moab	Grand	.22	.04																														T.	
Monticello	do																																	0.35
New Harmony	Colorado																																	0.00
Orderville	do	.04																																0.09
Pine Valley	do	.05																																0.44
Price	Green																																	0.20
Ranch	Colorado	.33																																0.56
San Rafael	Green																																	0.71
St. George	Colorado	.05																																0.25
Scofield	Green	.19																																0.40
Springdale	Colorado																																	0.16
Strawberry Tunnel, east	Green																																	0.71
Teasdale	Colorado																																	0.31
Thompsons	Green	.12																																0.10
Tropic	Colorado																																	0.09
TROUTCREEK RANGER	Green																																	0.20
Vernal	do																																	0.49
Victor	do																																	0.91
White Rocks	do																																	0.04
Woodside	do																																	0.04
<i>Arizona—Continued.</i>																																		
Allaires Ranch	Sonora	T.																																0.30
Alpine	Gila																																	0.20
Ashfork	Verde	T.	T.																															0.00
Aztec	Gila																																	0.52
Benson	San Pedro																																	0.90
Bisbee	do																																	0.40
Blue	Gila	.30																																0.12
Bonita	do																																	0.76
Bowie	do																																	0.16
Buckeye	do	.25																																0.71
Canine	San Pedro																																	0.70
Casa Grande	Gila	.50																																0.72
Casa Grande Ruins	do	.10	.25																														0.56	
Chandler	Salt	.19																																0.35
Chin Lee	Little Colo.																																	0.12
Chiarsons Mill	Gila	.15	.25																														2.18	
Clifton	Salt	.09	.26	.13																													0.55	
Cline	Salt																																	1.49
Cochise	Desert																																	0.55
Columbia	Agua Fria	.15	.25																														1.30	
Courtland	White	.04																																0.54
Dos Cabezos	Desert																																	

TABLE 2.—*Daily precipitation for December, 1912. District No. 9*

Stations.	Watershed.	Day of month.																														Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Arizona—Contd.																																			
Parker.....	Colorado.....																																		0.40
Payson.....	Gila.....	.24																																0.97	
Phoenix.....	Salt.....	T.	.14																														0.83		
Phoenix (1).....	do.....	T.	.10	T.																													0.75		
Phoenix (2).....	do.....	.07																															0.79		
Pinal Ranch.....	Gila.....																																	1.72	
Pinto.....	Little Colo.....																																	T.	
Prescott.....	Hassayampa.....	.16	.83																														1.23		
Prescott Dry Farm.....	Verde.....	.05	.45																														0.77		
Quartzsite.....	Colorado.....																																0.35		
Redrock.....	Santa Cruz.....																																		
Rice.....	Gila.....	T.	.06	.63																													0.94		
Roosevelt.....	Salt.....																																1.07		
Sacaton.....	Gila.....		.35																														1.05		
St. Johns.....	Little Colo.....			.20	T.																												0.30		
St. Michaels.....	do.....	T.	T.	T.	T.																												0.05		
Salome.....	Colorado.....																																0.00		
San Simon.....	Gila.....																																T.		
Seligman.....	Verde.....		T.																														0.00		
Sentinel.....	Gila.....																																T.		
Silverbell.....	Santa Cruz.....																																1.10		
Snowflake.....	L. Colorado.....	T.	T.	T.																													0.37		
Springerville.....	do.....																																		
Supai.....	Colorado.....		.35																														0.35		
Tempe.....	Salt.....	T.	.07	.02	T.																											0.94			
Thatcher.....	Gila.....		T.	.10																													0.36		
Tombstone.....	San Pedro.....																																0.53		
Truxton.....	Colorado.....		.32																														0.32		
Tuba.....	L. Colorado.....	.04	.04																														0.82		
Tucson.....	Santa Cruz.....		T.	T.																													0.39		
Tucson (1).....	do.....																																0.34		
Tucson (2).....	do.....		T.	T.	T.																												0.22		
Vail.....	do.....																																0.15		
Walnut Grove.....	Hassayampa.....	.10	.30																														0.40		
Wickenburg.....	do.....																																0.00		
Willcox.....	Desert.....																																0.13		
Williams.....	Colorado.....		.08																														0.28		
Winslow.....	L. Colorado.....																																		
Yuma.....	Colorado.....																																	0.22	
Yuma (1).....	do.....		T.																														0.20		
<i>Nevada.</i>																																		0.15	
Caliente.....	Colorado.....																																	T.	
Las Vegas.....	do.....																																	T.	
Logan.....	do.....																																		

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

||| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

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TABLE 3.—Maximum and minimum temperatures for December, 1912. District No. 9, Colorado Valley.

Date.	Wyoming.				Colorado.								Utah.								New Mexico.							
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Hite.		Moab.		St. George §§.		Vernal.		Bloomfield.		Fort Bayard.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	30	-4	35	6	35	16	35	16	32	-4	30	8	34	14	58	21	49	28	49	20	57	27	33	16	43	16	53	29
2.....	34	-3	35	4	39	13	33	18	29	-7	35	-5	29	-7	60	23	41	30	45	23	58	32	35	9	47	16	50	30
3.....	33	2	29	17	42	17	39	24	31	-7	38	-2	36	16	66	22	44	27	46	25	58	24	33	11	47	16	55	30
4.....	27	10	11	7	35	15	32	22	23	-5	34	16	25	9	55	26	42	28	40	19	52	25	31	13	39	16	49	26
5.....	24	1	25	-12	28	6	31	8	33	-3	23	0	24	-3	52	18	41	32	38	25	48	28	31	8	29	5	42	27
6.....	27	6	34	-11	29	2	26	7	20	-15	15	-22	19	-28	51	21	40	23	35	10	49	23	25	1	30	1	35	21
7.....	33	5	24	-6	33	2	28	8	8	-23	26	-14	27	-17	50	20	39	20	33	8	52	24	29	0	33	-1	40	19
8.....	40	0	37	-5	45	10	35	8	13	-22	25	-13	36	-16	52	18	45	24	32	21	48	25	29	1	44	-4	40	26
9.....	39	4	35	-3	36	18	36	11	21	-7	35	-9	29	-11	52	17	42	31	39	16	51	30	31	4	46	18	37	30
10....	31	15	38	5	33	13	34	10	32	-12	36	3	31	18	51	16	41	28	39	20	50	24	34	8	39	12	44	32
11....	34	-1	43	9	30	15	34	9	28	-9	34	-4	37	18	45	12	40	33	35	15	53	20	34	3	31	22	47	24
12....	34	11	42	3	36	15	28	10	30	-15	35	-3	40	-8	47	13	39	32	32	28	50	22	34	6	39	12	45	22
13....	44	4	35	4	41	11	28	23	28	-14	39	-2	42	-6	49	11	38	31	33	29	51	25	33	5	38	6	45	21
14....	35	2	33	4	42	14	29	23	29	-16	40	-1	41	-6	51	12	35	30	34	28	52	22	36	4	40	12	57	24
15....	38	1	30	4	42	15	28	14	21	-17	30	14	41	-5	52	13	36	30	36	26	50	28	31	4	50	12	56	27
16....	37	4	36	9	40	13	33	18	36	-5	36	-3	40	7	50	13	42	27	42	16	51	21	33	7	42	19	47	28
17....	29	-1	30	11	33	13	35	15	28	4	30	13	24	16	44	14	50	24	43	20	57	20	34	6	41	15	51	24
18....	28	-4	25	15	35	7	32	7	33	-16	30	13	25	3	58	11	48	24	43	21	54	20	34	4	41	7	46	21
19....	27	-9	23	-5	41	9	32	8	29	-7	25	-5	27	9	51	10	48	23	47	14	55	18	35	4	43	10	58	21
20....	15	-22	24	2	34	7	32	7	20	-20	33	-15	24	-7	56	11	39	26	35	11	48	23	27	0	36	1	49	24
21....	18	-4	24	-14	32	3	30	10	9	-24	26	-9	19	-17	58	12	35	20	30	9	42	18	26	5	37	0	42	17
22....	31	4	34	1	34	7	29	8	16	-24	17	-23	19	-23	52	10	40	21	32	10	46	19	23	-5	30	-5	37	24
23....	26	10	32	2	31	2	29	7	8	-27	26	-16	24	-25	56	9	34	17	32	6	46	14	24	-3	27	-16	41	11
24....	20	-12	25	5	37	3	30	2	20	-22	36	-3	35	-12	52	-3	41	16	35	6	48	13	30	-1	35	-14	47	15
25....	25	-7	23	-12	35	8	30	9	25	-8	30	-9	26	12	50	3	42	19	38	7	50	13	35	2	35	5	48	20
26....	30	-6	32	5	32	5	31	6	19	-23	20	-20	12	-29	42	4	37	21	34	7	49	16	27	-5	31	-12	43	22
27....	31	-5	30	-5	41	4	32	8	21	-22	25	-12	26	-21	41	6	39	18	34	6	49	10	21	-4	33	-12	44	14
28....	31	-10	36	-2	43	9	27	1	16	-23	24	-10	27	-20	40	8	39	16	30	5	47	10	16	-4	33	-11	45	15
29....	31	12	37	1	38	8	31	2	33	-13	29	-11	27	11	45	2	41	15	36	5	48	10	19	-5	36	0	50	23
30....	23	12	31	2	44	12	40	12	35	-3	38	-22	30	13	42	3	55	30	45	14	54	20	41	-2	42	2	54	26
31....	21	-8	39	0	41	13	36	12	23	-9	40	-8	26	-22	40	2	49	23	40	15	48	18	33	0	41	3	55	24
Mns.	29.9	0.2	31.2	1.3	36.8	9.8	31.8	11.1	24.2	-13.5	30.3	-4.2	29.1	-4.4	50.8	12.2	41.6	24.7	37.4	15.6	50.7	20.7	30.2	3.0	38.0	5.1	46.8	23.1

Date.	Arizona.												Logan, Nev.											
	Bisbee.		Flagstaff.		Fort Apache §§.		Grand Canyon.		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	54	37	41	29	74	18	34	24	74	41	70	53	52	38	46	24	69	40	73	48	63	38		
2.....	64	41	35	23	76	35	30	30	74	33	61	45	43	31	41	22	68	42	72	41	65	29		
3.....	56	37	40	16	68	32	34	22	74	32	64	40	47	24	44	27	58	34	61	21	61	27		
4.....	58	33	35	19	64	15	36	12	65	28	62	42	43	26	38	20	65	32	72	38	61	27		
5.....	51	34	23	8	62	12	36	10	70	28	57	36	35	16	30	7	53	30	58	47	54	27		
6.....	37	18	25	15	42	10	32	8	72	28	56	35	36	15	29	12	53	18	59	43	53	28		
7.....	40	27	31	16	54	5	20	7	70	39	62	42	45	15	38	2	62	41	57	33	60	33		
8.....	40	32	31	18	66	14	30	4	58	45	55	43	36	24	36	9	56	38	57	46	53	38		
9.....	51	36	30	13	60	16	51	18	56	30	60	40	36	21	40	17	58	33	55	43	59	36		
10....	47	29	35	5	66	24	32	9	60	29	67	41	41	24	41	15	50	35	62	40	59	28		
11....	48	32	34	0	54	6	34	6	70	28	60	34	45	14	31	7	60	29	64	36	59	25		
12....	51	28	30	2	62	5	33	12	71	30	65	39	45	17	39	12	66	35	67	39	58	29		
13....	55	30	32	6	60	7	32	6	69	30	69	4												